



ELSEVIER

---

---

Agricultural  
water management

Agricultural Water Management 72 (2005) 245–246

[www.elsevier.com/locate/agwat](http://www.elsevier.com/locate/agwat)

---

---

## Contents of *Agricultural Water Management*, Volume 72

### VOLUME 72 ISSUE 1

**2 MARCH 2005**

Recycled water valuation as a corollary of the 2000/60/EC water framework directive K.P. Tsagarakis (Rethymno, Greece) . . . . .	1
Climatic water balance, probable rainfall, rice crop water requirements and cold periods in AER 12.0 in India G. Kar and H.N. Verma (Orissa, India) . . . . .	15
A statistical approach to estimating runoff in center pivot irrigation with crust conditions P.B. Luz (Oeiras, Portugal) and D. Heermann (Fort Collins, CO, USA) . . . . .	33
Determination of ponding time and number of on-off cycles for sprinkler irrigation applications C. Gencoglan, S. Gencoglan, H. Merdun and K. Ucan (Kahramanmaraş, Turkey) . . . . .	47
Crop water use of onion ( <i>Allium cepa</i> L.) in Turkey A. Kadayifci, G.İ. Tuylu, Y. Ucar (Isparta, Turkey) and B. Cakmak (Ankara, Turkey) . . . . .	59
Shallow groundwater contribution to pistachio water use A.R. Sepaskhah and Sh. Karimi-Goghari (Shiraz, Iran) . . . . .	69

### VOLUME 72 ISSUE 2

**18 MARCH 2005**

Evapotranspiration of horticultural crops in an unheated plastic greenhouse F. Orgaz (Córdoba, Spain), M.D. Fernández, S. Bonachela, M. Gallardo (Almería, Spain) and E. Fereres (Córdoba, Spain) . . . . .	81
Peach tree response to single and combined deficit irrigation regimes in deep soils J. Girona, M. Gelly, M. Mata, A. Arbonès, J. Rufat and J. Marsal (Lleida, Spain)	97
Surface runoff scale effects in West African watersheds: modeling and management options N. van de Giesen (Bonn, Germany), T.J. Stomph and N. de Ridder (Wageningen, The Netherlands) . . . . .	109
Evaluation of transpiration in adult apricot trees from sap flow measurements E. Nicolás, A. Torrecillas (Murcia, Spain; Cartagena, Spain), M.F. Ortúñoz (Murcia, Spain), R. Domingo (Cartagena, Spain) and J.J. Alarcón (Murcia, Spain)	131
Lysimetric determination of muskmelon crop coefficients cultivated under plastic mulches S. Lovelli, S. Pizza, T. Caponio, A.R. Rivelli and M. Perniola (Potenza, Italy) . .	147

**VOLUME 72 ISSUE 3****2 APRIL 2005**

Estimating the potential gains from water markets: a case study from Tunisia S. Zekri (Muscat, Oman) and W. Easter (Minnesota, MN, USA) . . . . .	161
Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. I. Chickpea and faba bean N. Katerji (Thivernal-Grignon, France), J.W. van Hoorn (Oosterbeek, The Netherlands), A. Hamdy (Valenzano (Bari), Italy), M. Mastorilli (Bari, Italy) and T. Oweis (Aleppo, Syria). . . . .	177
Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. II. Durum wheat N. Katerji (Thivernal-Grignon, France), J.W. van Hoorn (Oosterbeek, The Netherlands), A. Hamdy (Valenzano (Bari), Italy), M. Mastorilli (Bari, Italy), M.M. Nachit and T. Oweis (Aleppo, Syria) . . . . .	195
The wheat yields and water-use efficiency in the Loess Plateau: straw mulch and irrigation effects Y. Huang, L. Chen, B. Fu, Z. Huang and J. Gong (Beijing, China) . . . . .	209
Assessing temporal stability and spatial variability of soil water patterns with implications for precision water management G.C. Starr (Orono, ME, USA) . . . . .	223
<b>Contents of Agricultural Water Management, Volume 72 . . . . .</b>	<b>245</b>

